

GRAIN MARKETS

MISSOURI FARMERS' EYE
REPAIR DAMAGE BY DROUGHT.

Dean of Missouri Agricultural College Suggests Several Crops Which May Be Raised Between Now and Frost if Weather Conditions Become More Favorable—Believes There Will Be Abnormally High Prices Offered for Cattle Next Spring and Advises Farmers to Hold on to Their Stock if Possible.

ANIMALS SHOULD BE WINTERED AS CAREFULLY AS POSSIBLE.

REPUBLIC SPECIAL.
Columbia, Mo., July 19.—Doctor H. J. Waters, dean of the Missouri Agricultural College, said today regarding the effect of the unprecedented drought and the steps to be taken by Missouri farmers and stockmen to avert further disaster:

"Owing to the unprecedented drought and excessive heat, the supply of stock feed of all classes in all portions of the State will be much below the average, and in most sections will be very scarce and expensive. Already a large amount of surplus stock has been thrown on the market, so that less feed will be required than in the average year. At the same time, every indication points to a great shortage in cattle, hogs, sheep, horses and mules next spring, and to the fact that abnormally high prices will then prevail.

Carrying Stock Over.
"It will be very profitable, therefore, for the farmer to carry over as much stock as possible, and to take that through the winter in good, thrifty condition. It is scarcely necessary to say that only first-class stock can be profitably wintered this time. If the supply of good stock is below that which can be wintered, it will be the best possible improvement to sell off the inferior stock and buy well-bred animals of good quality. Such an opportunity to buy good stock at low figures does not come often.

"The supply of feed can be largely increased by growing one or more forage crops which can be made to mature between now and frost, provided an average rainfall occurs before the end of the season. Stock that may be sown now with a reasonable assurance of a fair crop, the following are suggested:

Excels Clover for Feeding.
"The cowpea, if sown at once on well-prepared land, wheat or oat stubble that is broken, ought to make one or two tons of hay, that excels clover in feeding value.

This hay can be gotten off the ground in time to sow the land in wheat without any breaking, the surface being disked just ahead of the drill. Cowpeas improve the land, just as clover does, and makes a splendid preparation for wheat. The whip-poorwill, or new era, varieties are recommended, sown at the rate of a bushel per acre, either broadcast or, preferably, with a wheat drill. The hay is cured and handled in about the same way as clover. Cowpeas stand the heat and drought well.

"Sorghum is another drought and heat resisting crop, very productive, and will mature before frost if sown now on well-prepared land at the rate of about a bushel of seed per acre. The Early Amber variety is preferred for this late sowing. The hay may be partially cured in the swath, and then made into large shocks, to complete the curing process, and stacked later. Unfortunately, the supply of sorghum and cowpea seed is almost exhausted in our markets, owing to the large recent demand.

"Kaffir corn is closely related to sorghum and may be grown and handled in essentially the same way, with almost as satisfactory results, although it is not regarded

SHARP CORN ADVANCE
CAUSED STOCK BREAK.

Wall Street's Speculative Interests Refused to Rally, and Declines Were Heavy.

CORN FOLLOWED MERCURY.

Weather Reports Played Havo With Railroad Securities—Effect of Bank Conditions on Speculative Dealings.

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AGRICULTURAL DEPARTMENT ADVISES
FARMERS HOW TO REPAIR DROUGHT DAMAGE.

REPUBLIC SPECIAL.

Washington, July 19.—The Agricultural Department has not given up hope that much of the corn may yet be harvested.

"In the absence of accurate and full information," said Acting Secretary Brigham to the Republic correspondent today, "it is, of course, too early to advise the farmers as to how they may repair the damages suffered from the great drought."

"In some localities it probably will be found practicable to plant short-time crops, and in this way avoid total failure of the season's work. Good crops of potatoes could probably be had in many sections in the Southwest, and, of course, buckwheat can be sown even now to advantage. It may be also that early corn can yet be harvested, in spite of the drought."

"Just at present it is impossible for the department to give valuable advice which would cover varying conditions. Some crops no doubt can yet be planted and harvested, if the drought is soon broken, but it must necessarily rest with the farmers to select such as are most promising for the respective localities."

"The department is, however, doing all it can to help the farmers in the way of advice and information."

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CONTINUED SELLING
EASES COTTON MARKET

Hard Rains Are Reported in Northern Texas, With More in Sight.

SPECULATORS ARE NERVOUS.

In Spite of Rain Reports Advices State That the Plant Is in a Very Precarious Condition.

REPUBLIC SPECIAL.

New York, July 19.—More long cotton came on the market during the forenoon today, dictated by exceptionally well Liv-

erpool cables and reports from the central and western belt. On the opening call the market eased off 3 to 6 points, with the South and room long runners sellers.

Private reports had it that hard rains had fallen over the northern portion of Texas and in parts of the central belt as well.

On the whole, however, the market was looked for a drop of some 3 points, but at the time of our opening was off 4 to 5 points and weak at that.

Those traders accustomed to follow up the policy of "buy on breaks" here took their method with a will, and by 10:30 prices were a trifle above yesterday's close, with the feeling more quiet, healthier.

The Government chart did not indicate any rain storm of account in the Western belt, nor were there signs of protracted wet weather over the central section, while in the South Atlantic States the usual day-after-day soaking rains were in evidence.

Rally and Slight Advance.

The rally began about 7:30, October to 7:30 and January to 7:30, prices were timid, and in the absence of fearless leadership, gave way to the bulls. Before midday the whole temper of the market had swung to a bullish affair, with prices off 7 to 7 1/2 points for August, and 7 to 7 1/2 for January.

Under hurried liquidation and bear selling, due directly to official rain reports and a forecast for threatening weather to-night and to-morrow over Oklahoma, Indian Territory and Eastern Texas.

The decline at midday amounted to 5 to 7 points on all months, except July and August, which were 2 to 3 points net lower only.

On the reaction the New Orleans market took the leadership in point of weakness and sold small lines in our pit. Liverpool was quick to stiffen with our market on the first hour's rise, but closed feverish and well down to the lowest figure of the session.

But, in the face of the rain accounts, crop advices stated that the plant was in a precarious condition and could only be rescued by continued soaking downpours.

Texasans telegraphed: "Few scattering showers in North Texas, excepting short and light rain in the extreme west, but big, general rains will relieve situation, and later, from the same point, 'Showers in Texas very light; clearing to-day.'"

Paris, Tex., wired: "Rained hard for one hour late yesterday. Indications for more; some general rain to-morrow."

Liverpool described the break there as "In consequence of American selling orders, mostly New Orleans."

TROUGHT SITUATION IN TEXAS.

REPUBLIC SPECIAL.

TEXAS, July 19.—The drought situation in Texas is becoming more and more serious as the day wears on.

The same as it was last night. Showers fell in the morning, but were not enough to relieve the situation. The drought is now more serious than ever.

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